

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| L1    | 0      | radio and "6262532".pn.   | USPAT  | OR               | OFF     | 2007/01/21 14:59 |
| L2    | 1      | "6262532".pn.   | USPAT  | OR               | OFF     | 2007/01/21 15:41 |
| L3    | 699276 | frequency   | USPAT  | OR               | OFF     | 2007/01/21 14:59 |
| L4    | 0      | 2 and 3   | USPAT  | OR               | OFF     | 2007/01/21 14:59 |
| L5    | 29     | (RFPDP or radio adj frequency adj plasma adj display adj panel) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 15:43 |
| L6    | 28     | (radio adj frequency adj plasma adj display adj panel)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 15:43 |
| L7    | 2      | (RFPDP)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 15:43 |
| L8    | 39     | (radio adj frequency) near3<br>(plasma adj display adj panel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 15:43 |
| L9    | 235309 | (radio adj frequency)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 15:43 |
| L10   | 49763  | (pdp or plasma adj display adj panel)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 15:44 |

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|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| L11 | 13540   | auxiliary adj electrode\$1                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:44 |
| L12 | 22320   | (scan\$3 or address\$3) near3<br>electrode\$1                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:45 |
| L13 | 1792470 | electrode\$1 or electrodes or<br>(plurality adj electrode\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:46 |
| L14 | 869     | 9 and 10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:46 |
| L15 | 135     | 11 with 12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:47 |
| L16 | 5       | 8 and 11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:46 |
| L17 | 4       | 9 and 15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:47 |

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|     |     |                    |  |    |    |                  |
|-----|-----|--------------------|--|----|----|------------------|
| L18 | 4   | 5 and 11           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:48 |
| L19 | 187 | 12 with 12 same 11 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:48 |
| L20 | 5   | 8 and 19           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/21 15:48 |

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| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L21   | 0    | (( radio adj frequency adj plasma adj display adj panel) and (first adj auxiliary adj electrode adj formed) with (first adj electorde adj lines) with (each adj discharge adj cell) and (first adj auxiliary adj electrode adj formed) with (second adj electrode adj lines) with (each adj discharge adj cell) and (first adj auxiliary adj electrode) adj directly adj connected with (first adj electrode adj lines) with (second adj electrode adj lines) and (coating adj first adj dielectric adj material) with (first adj auxiliary adj electrode) and (first adj auxiliary adj electrode) adj directly adj connected with (scanning adj electore) and (address adj electrode)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/21 16:01 |

File 348:EUROPEAN PATENTS 1978-2006/ 200702

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File 349:PCT FULLTEXT 1979-2006/UB=20070111UT=20070104

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| Set | Items  | Description  |
|-----|--------|--|
| S1  | 152751 | RF OR RADIO() FREQUENCY  |
| S2  | 165936 | PLASMA   |
| S3  | 471524 | DISPLAY OR SCREEN  |
| S4  | 2414   | AUXILIARY(3N) ELECTRODE?   |
| S5  | 5423   | (CONNECT? OR ATTACH? OR JOIN? OR LINK?) (3N) ELECTRODE? (3N) L-<br>INE?? |
| S6  | 38455  | FIRST(3N) ELECTRODE??  |
| S7  | 403721 | SUBSTRATE??  |
| S8  | 37620  | SECOND(3N) ELECTRODE??   |
| S9  | 198752 | SCANNING OR SCANNER?? OR SCANS   |
| S10 | 28511  | DIELECTRIC(3N) LAYER   |
| S11 | 276777 | ADDRESS  |
| S12 | 25963  | SAME() PLANE   |
| S13 | 585    | AU=(KANG, J? OR KANG J? OR JEON, W? OR JEON W?)                          |
| S14 | 2      | S1(3N) S2(3N) S3   |
| S15 | 0      | S14(10N) S5  |
| S16 | 4342   | S1(3N) S2  |
| S17 | 34     | S16(S) S6(S) S7  |
| S18 | 1      | S17(S) S8(S) S10   |
| S19 | 1      | S18 NOT S14  |
| S20 | 1      | S17(S) S9  |
| S21 | 1      | S20 NOT (S14 OR S18)   |
| S22 | 0      | S13 AND S16  |
| S23 | 767    | S6(S) S7(S) S8(S) S10  |
| S24 | 82     | S23(S) S11   |
| S25 | 7      | S24(S) S9  |
| S26 | 7      | S25 NOT (S20 OR S14 OR S18)  |

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File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 587:Jane`s Defense&Aerospace 2007/Jan W1  
(c) 2007 Jane`s Information Group

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 497604  | RF OR RADIO() FREQUENCY  |
| S2  | 292528  | PLASMA   |
| S3  | 4060270 | DISPLAY OR SCREEN  |
| S4  | 154     | AUXILIARY(3N) ELECTRODE?   |
| S5  | 68      | (CONNECT? OR ATTACH? OR JOIN? OR LINK?) (3N) ELECTRODE? (3N) L-<br>INE?? |
| S6  | 1077    | FIRST(3N) ELECTRODE??  |
| S7  | 224600  | SUBSTRATE??  |
| S8  | 840     | SECOND(3N) ELECTRODE??   |
| S9  | 810208  | SCANNING OR SCANNER?? OR SCANS   |
| S10 | 2221    | DIELECTRIC(3N) LAYER   |
| S11 | 4970292 | ADDRESS  |
| S12 | 7970    | SAME() PLANE   |
| S13 | 607     | AU=(KANG, J? OR KANG J? OR JEON, W? OR JEON W?)                          |
| S14 | 18      | S1(3N) S2(3N) S3   |
| S15 | 0       | S14(S) (S4 OR S5 OR S6 OR S8)  |
| S16 | 2       | S14(S) ELECTRODE?  |
| S17 | 2       | RD S16 (unique items)  |
| S18 | 0       | S17 NOT PY=>2000   |
| S19 | 1       | S13 AND S14  |
| S20 | 0       | S6(S) S7(S) S8(S) S10  |